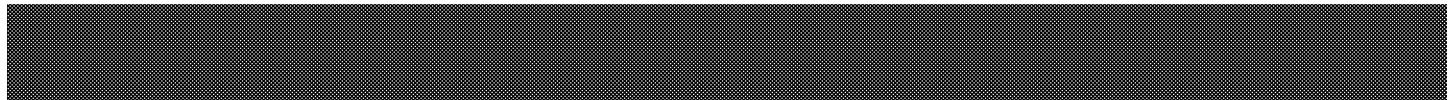


**From:** Morning Consult [reply@e.morningconsult.com]  
**Sent:** 4/2/2019 12:28:51 PM  
**To:** Gray, David [gray.david@epa.gov]  
**Subject:** Morning Consult Energy: Shell Leaves American Fuel and Petrochemical Manufacturers Over Climate-Related Positions

Morning Consult Energy: Shell Leaves American Fuel and Petrochemical Manufacturers Over Climate-Related Positions



# M ENERGY

By [Jacqueline Toth](#)

## Top Stories

- Royal Dutch Shell PLC has left the American Fuel and Petrochemical Manufacturers trade group over the advocacy organization's contrary positions on the Paris climate agreement, methane, carbon pricing and fuel mandates, according to Shell, which said it will still remain a member of the American Petroleum Institute and U.S. Chamber of Commerce and will try to alter the policy positions of those groups. ([The Washington Post](#))
- NextDecade Corp. said it signed the United States' first-ever, long-term liquefied natural gas contract with Shell for U.S.-produced LNG that will be partially indexed to the global Brent oil price benchmark. Under the 20-year agreement, NextDecade will provide 2 million metric tons of LNG annually to Shell from the Rio Grande LNG export terminal in Brownsville, Texas. ([Reuters](#))
- Sidney B. Silverman, a retired lawyer involved in a 1987 lawsuit related to BP PLC, said that the \$40 million exploratory well drilled in the Arctic National Wildlife Refuge in Alaska was "worthless," according to his memories of a confidential deposition over the well. Other decades-old seismic tests suggest the refuge could hold up to 12 billion barrels of oil, but confirmation of a disappointing test well could empower opponents of drilling in the region. ([The New York Times](#))

## Chart Review

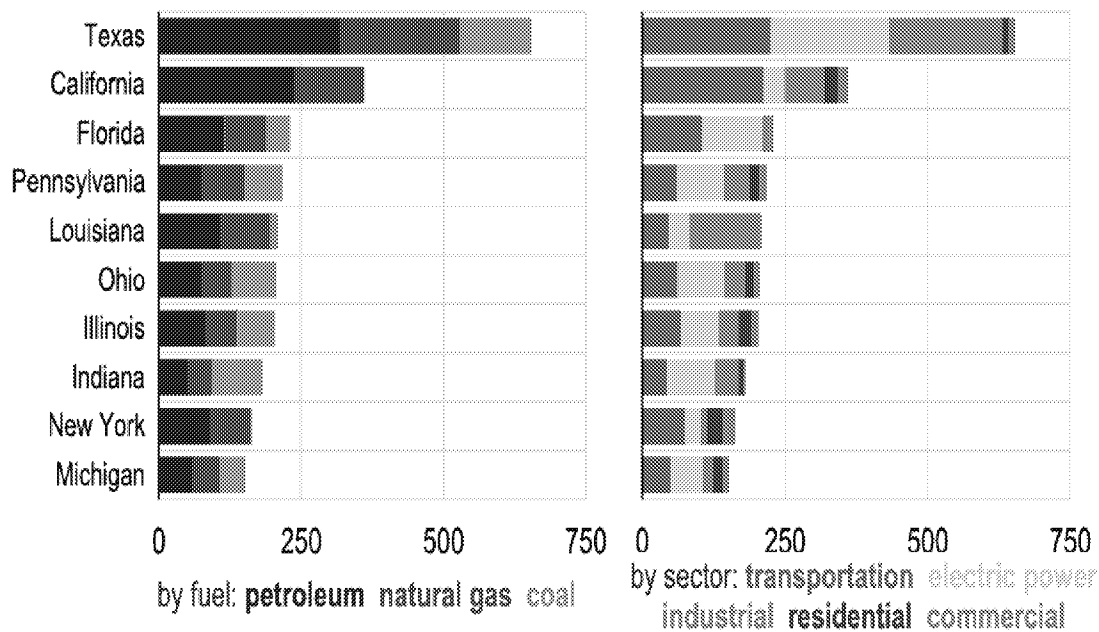
Energy-related carbon dioxide emission profiles differ dramatically from state to state

**U.S. Energy Information Administration**

Energy-related carbon dioxide emission profiles differ dramatically from state to state

### Energy-related carbon dioxide emissions by state (top ten, 2016)

million metric tons of carbon dioxide



Source: U.S. Energy Information Administration, *Energy-Related Carbon Dioxide Emissions by State, 2005-2016*

## Events Calendar (All Times Local)

**04/02/2019**

Waterpower Week

House Energy and Water Development, and Related Agencies Appropriations Subcommittee hearing on the DOE, NNSA budgets	9:45 am
House Interior, Environment, and Related Agencies Appropriations Subcommittee hearing on the EPA budget	10:00 am
House Environment & Climate Change Subcommittee hearing on state and local action to combat climate change	10:00 am
House Energy and Mineral Resources Subcommittee legislative hearing on protecting coastal communities from offshore drilling	10:00 am
House Water, Oceans, and Wildlife Subcommittee Hearing on the State of Western Water Infrastructure and Innovation	10:00 am
Senate Energy and Natural Resources hearing on the DOE budget request	10:00 am
Senate Environment and Public Works Hearing on Oversight of the Nuclear Regulatory Commission	10:00 am
Autos2050 event	12:00 pm
House National Parks, Forests, and Public Lands Subcommittee legislative hearing	2:00 pm

## **04/03/2019**

Waterpower Week

GRM Forum: Grid Edge East 2019

Senate Interior, Environment and Related Agencies Appropriations Subcommittee hearing on the EPA budget	9:00 am
Senate Commerce, Science and Transportation Committee executive session on bills and nominations	9:30 am
House Interior, Environment, and Related Agencies Appropriations Subcommittee hearing on the NPS, USFWS and USGS	1:00 pm

House Energy and Water Development, and Related Agencies Appropriations Subcommittee hearing on science, energy and environmental management programs	1:45 pm
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Energy Department and ClearPath Foundation Atomic Wings event on advanced nuclear public policy momentum in Congress	2:30 pm
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Senate Energy and Water Development Subcommittee hearing on the NNSA budget	2:30 pm
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#### **04/04/2019**

2019 Planet Forward Summit

Select Committee on the Climate Crisis hearing on young climate leaders	9:00 am
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House Interior, Environment, and Related Agencies Appropriations Subcommittee hearing on the BLM, BOEM and BSEE budgets	9:30 am
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ACORE et al. clean energy briefing in 112 Cannon House Office Building	3:00 pm
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Bipartisan Policy Center ARPA-E Innovation Showcase on the Hill	4:30 pm
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#### **04/05/2019**

2019 Planet Forward Summit

E2 13th Annual Sustainability Summit	7:30 am
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University of Columbia Event on Financing the Energy Transition: Understanding Green Bonds	9:30 am
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#### **04/08/2019**

Pillsbury Winthrop Shaw Pittman LLP's Annual Global Power Markets Conference

Business Network for Offshore Wind Conference

South-central Partnership for Energy Efficiency as a Resource Clean  
Energy Exchange

**04/09/2019**

Pillsbury Winthrop Shaw Pittman LLP's Annual Global Power  
Markets Conference

2019 SEPA Utility Conference

34th Annual Global Power Markets Conference

South-central Partnership for Energy Efficiency as a Resource Clean  
Energy Exchange

World Nuclear Fuel Cycle

CS Week 2019

7th Annual Green & SRI Investing Symposium

Business Network for Offshore Wind Conference

Lawrence Livermore National Laboratory and Lawrence Berkeley  
National Laboratory Technology Days

Solar & Storage Finance Texas Conference

AWEA U.S. Wind Industry Annual Market Report, Year Ending  
2018 Release

2:00  
pm

[View full calendar](#)



## The State of the Democratic Primary

On a daily basis, Morning Consult is surveying over 5,000 registered voters across the United States on the 2020 presidential election. Each week, we'll update [this page](#) with the latest survey data, offering an in-depth guide to how the race for the Democratic nomination is shaping up.

### General

Opinions differ on expected White House energy infrastructure order

**Maya Weber, S&P Global Platts**

With the White House close to releasing an executive order to facilitate energy infrastructure approvals, analysts and advocates differed over how far it can go to lift obstacles in some Northeast states and end other legal roadblocks.

Democratic Green New Deal Defectors Chart Their Own Climate Path

**Ari Natter, Bloomberg**

As the founder of a company that turns industrial emissions into energy, Sean Casten turned a career spent fighting climate change into the centerpiece of his successful campaign for Congress.

Disaster-Aid Bill Snags on Senate Hurdles Over Puerto Rico Issue

**Andrew Duehren, The Wall Street Journal**

A broad disaster-aid package failed to clear procedural hurdles in the Senate on Monday as Democrats and Republicans in the chamber quarreled over how much funding to provide to hurricane recovery efforts in Puerto Rico.

Pompeo: Paris Climate Deal 'Didn't Change a Thing'

**Mairead McArdle, National Review**

The 2015 Paris deal required China to reduce emissions 20 percent from 2005 levels by 2020. Beijing has struggled to stay on track to hit that target since signing the deal, despite President Xi Jinping's claims that his country is leading the global push to combat climate change.

Where EPA saw no data, Trout Unlimited crunched the numbers

**Ariel Wittenberg, E&E News**

A new analysis from Trout Unlimited shows the U.S. Geological Survey underestimates the number of streams nationwide that flow only following rain.

EPA Administrator Wheeler to visit Miami to tout new wastewater project

**Michael Wilner, McClatchy DC**

Wheeler's visit to the Southern District facility comes as the Trump administration rolls out \$6 billion in newly available loans under the Water Infrastructure Finance and Innovation Act, an Obama-era law that devotes federal dollars to state and local water and wastewater infrastructure projects.

Gasoline Prices Creep Toward \$3 a Gallon  
**Dan Molinski, The Wall Street Journal**

Gasoline prices typically move higher this time of year. But the seasonal rise is even more pronounced thanks to flooding in the Midwest and dwindling oil production out of Venezuela.

Oil Hits 2019 High as Demand Outlook Brightens  
**David Hodari and Dan Molinski, The Wall Street Journal**

Oil prices jumped to their highest level in nearly five months Monday as strong data out of the U.S. and China suggested global oil demand could perk up even as supplies of oil tighten.

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## Oil and Natural Gas

Exxon weighs sale of Nigerian oil and gas fields for up to \$3 billion  
**Ron Bousso and Julia Payne, Reuters**

Exxon Mobil recently held talks on the sale of a suite of oil and gas fields in Nigeria as the company focuses on new developments in U.S. shale and Guyana, industry and banking sources told Reuters.

Ruling complicates US offshore drilling, further delays five-year plan: sources  
**Brian Scheid, S&P Global Platts**

A US judge has dealt the latest blow to President Donald Trump's domestic energy agenda, creating another hurdle to offshore oil and natural gas development his administration has been working to dramatically expand and potentially complicating the release of a plan opening nearly all federal waters to drilling.

U.S. investigators to begin hunt for cause of Texas petrochemical disaster  
**Collin Eaton and Erwin Seba, Reuters**



The blaze, at Mitsui & Co's Intercontinental Terminals Co (ITC) storage facility in Deer Park, Texas, began March 17 and released toxic chemicals into the air and nearby waterways. Shipping along the largest oil port in the United States remained disrupted on Monday, as did operations at two nearby refineries.

Sempra Energy passes two regulatory hurdles for LNG export project in Mexico

**Sergio Chapa, Houston Chronicle**

U.S. Department of Energy officials have given Sempra subsidiary Energy Costa Azul LNG permission to export natural gas from the United States to Mexico, Sempra reported on Sunday.

Court reinstatement of Arctic drilling ban could allow a Democratic president to limit offshore development

**Josh Siegel, Washington Examiner**

A federal judge's ruling that President Trump illegally revoked a ban on oil and gas drilling in the Arctic Ocean could embolden future Democratic presidents to impose more significant limits on offshore drilling.

Federal judge rules against spill-response plan for Mackinac pipeline

**David Patch, Toledo Blade**

In a decision issued Friday U.S. Judge Mark Goldsmith ruled against the National Wildlife Federation's claim that Enbridge Energy Ltd.'s Line 5 pipeline should be considered an offshore facility under the Clean Water Act rather than considering its entire route from the Canadian border in Minnesota to the St. Clair River near Port Huron, Mich., as an onshore facility divided into just two sections for planning purposes.

Exxon makes final investment decision on Singapore complex expansion

**Koustav Samanta, Reuters**

Exxon Mobil Corp said on Tuesday it had made a final investment decision on a multi-billion dollar expansion of its integrated manufacturing complex in Singapore that would help it increase production of cleaner fuels with lower-sulfur content.

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## Utilities and Infrastructure

Former SCANA executives must face civil fraud charges in federal court, judge rules

**John Monk, The State**

Enough evidence exists to show a jury that former SCANA executives deliberately concealed the shaky status of their doomed Fairfield County nuclear power plant project from investors, a federal judge has ruled.

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## Renewables

Dem to offer bill to expand electric vehicle tax credit

**Naomi Jagoda, The Hill**

Rep. Ro Khanna (D-Calif.) said Monday that he's planning to introduce legislation in the coming weeks to expand the electric vehicle tax credit and link it to domestic manufacturing, calling the bill a way to help both the environment and the economy.

Tesla will pay \$31,000 to settle U.S. EPA hazardous waste claims

**David Shepardson, Reuters**

Tesla Inc will pay a \$31,000 penalty and purchase \$55,000 in emergency response equipment for a California city under a settlement reached with the Environmental Protection Agency over federal hazardous waste violations at its automotive factory, the government said Monday.

Duke Energy to Invest \$76 Million in Electric Car Chargers

**Jim Efstathiou Jr., Bloomberg**

Duke Energy Corp. plans to spend \$76 million to add 2,500 charging stations for electric vehicles in North Carolina at a time when drivers can have a hard time finding a place to recharge as the industry expands.

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## Coal

WEC Energy Group closes Presque Isle power plant in the U.P. as the company shifts away from coal

**Lee Bergquist, Milwaukee Journal Sentinel**

Milwaukee-based WEC Energy Group said Monday that it closed its Presque Isle coal-fired power plant in Michigan's Upper Peninsula, and is

replacing the electric generation with a pair of natural gas-fired power plants in the U.P.

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## **Nuclear**

NEI Sees Glass Half Full for Nuclear Industry  
**Rich Heidorn Jr., RTO Insider**

Despite record-high capacity factors and reduced operating costs, the U.S. nuclear power industry is threatened by federal and state policies and an "increasingly distorted" energy market, Nuclear Energy Institute CEO Maria Korsnick said last week in her annual state of the industry address.

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## **Climate**

Central Banks Are Thinking Greener as Climate Change Hits Policy  
**Jana Randow and Piotr Skolimowski, Bloomberg**

At a time when students around the globe are urging governments, companies and citizens to protect the environment, awareness is growing among currency guardians that weather disruptions, carbon emissions and green finance will demand significant attention.

Why some green investors are passing on Uber and Lyft  
**Ross Kerber and Heather Somerville, Reuters**

Some environmentally focused investors are not ready to buy into Lyft Inc or Uber Technologies Inc, worried about the climate impact of this year's two most closely watched initial public offerings.

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## **Opinions, Editorials and Perspectives**

Data Centers Gobble Energy. Could a 'fossil-free' Label Help?  
**Eric Niiler, Wired**

A Swedish industry group believes its new "Fossil Free Data" label will not only push consumers to click on firms that process their information

using green power, it will also attract more data centers to Sweden's low-carbon economy.

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## Research Reports

### Nitrogen-fixing trees could exacerbate climate change under elevated nitrogen deposition

**Sian Kou-Giesbrecht and Duncan Menge, Nature Communications**

Biological nitrogen fixation can fuel CO<sub>2</sub> sequestration by forests but can also stimulate soil emissions of nitrous oxide (N<sub>2</sub>O), a potent greenhouse gas. Here we use a theoretical model to suggest that symbiotic nitrogen-fixing trees could either mitigate (CO<sub>2</sub> sequestration outweighs soil N<sub>2</sub>O emissions) or exacerbate (vice versa) climate change relative to non-fixing trees, depending on their nitrogen fixation strategy (the degree to which they regulate nitrogen fixation to balance nitrogen supply and demand) and on nitrogen deposition.



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